EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
Total.	970 900			
I+	194038			
Cast	866 25			
Sest	866 25			
FSD	485 100			
Ces	97019			
CSF	9702			
LR	65700			
Fine	4691			
Ded	10 29500			
Chue	86 72 600			

First & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498632

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of work: construction of RCC drain cement concrete road and missing covering slab at Elumandamma layout & Surrounding area in WN.10.						
	Job code: 010-20-000001						
	Est cost: 99.00 L						
	W/o Reference: BBMP/EE/BTP/WO/125/2019-20 Dt: 8/4/2019.						
	Agency: Executive Engineer, KRIDL #280, 59th c/s 17th C M/K 3rd Y Block Rajajinagara Bangalore - 560010.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO 01: Earthwork excavation by manual means in ordinary soil. etc., complete as per specification: Quantity is as per excel sheet, recorded vide pg no 4 of E-Bill is 500.84 cum @ Rs 207.60					=	103973.49 / 103974.38
	Item NO 02: Removing & refixing stone slabs of drains & pointing in CM 1:3 etc., complete as per specification: Quantity is as per excel sheet, recorded vide page no 5 of E-Bill is 156.06 Sqm @ 111.30					=	17369.48
	Item NO 03: Providing granite slab of selected quality roughly dressed etc., complete as per specification:						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Quantity is as per excel Sqm @ Rs 742.00 Item NO 04: Providing etc., complete as per spe Quantity is as per excel Sqm @ Rs 966.72. Item NO 05: Providing & etc., complete as per sp Quantity is as per excel

OOK

Depth 6	Contents 7	Reference to last Measurement 8
by mannual means in		
pacification's		
vide pg no 4		
=		103973.49 / 103974.38
e slabs & drains &		
per specification's		
ed vide page no 5		
=		17369.48
selected quality roughly		
of.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498633

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Quantity is as per excel sheet, recorded vide pg no 6 for E-Bill is 58.86 Sqm @ Rs 742.00					= 43674.12.	
	Item NO 04: Providing granite 10 cms thick slabs of selected quality etc., complete as per specifications.						
	Quantity is as per excel sheet, recorded vide pg no 3 for E-Bill is 771.21 Sqm @ Rs 966.72.					= 784.745544.13	
	Item NO 05: Providing & laying in position plain cc of mix 1:4:8 with OPC etc., complete as per specifications.						
	Quantity is as per excel sheet, recorded vide					pg no 8	for E-Bill is

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	is 415.89 cum @ Rs 5408.19					=	2249191.4. 2249183.02
	Item NO 6: Providing & constructing load bearing wall etc. complete as per specification						
	Quantity is as per excel sheet, recorded vide pg no 9 of E-Bill is 112.20 @ Rs 1019.72.					=	114412.58.
	Item NO 07: Providing & laying in position CC of mix 1:2:4 with OPC @ 240 kgs etc. complete as per specifications.						
	Quantity is as per excel sheet, recorded vide pg no 10 of E-Bill is 9.73 cum @ RS 5747.39					=	55892.69 55891.42
	Item NO 08: Providing & laying plain CC of mix 1:5:8 with OPC						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	@ 220 kgs. etc., compl Quantity is as per ex 9.01 cum @ Rs 5505. Item NO 09: Providin per specifications. Quantity is as per excel @ Rs 7070.20 Item NO 10: Providing R etc., complete as pe

OOK

Depth 6	Contents 7	Reference to last Measurement 8
	=	2249191.4. 2249183.02
load bearing	wall etc.	
d vide pg no	9	f
	=	114412.58.
position	CC f mix 1:2:4	
s per	specifications.	
ded vide pg no	10	f
	=	55892.69 55891.42
	CC f mix 1:3:6 with	OR

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498634

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	@ 220 kgs. etc., complete as per specifications. Quantity is as per excel sheet f, recorded vide pg no 9.01 cum @ Rs 5505.64 =						11f E-Bill is = 49600.00. 49605.81
	Item NO 09: Providing laying plain / RCC for side drain per specifications. Quantity is as per excel sheet, recorded vide pg no @ Rs 7070.20						etc complete as f E-Bill is 29.60cum = 209284.99. 209277.92
	Item NO 10: Providing TMT bars Fe 500 steel reinforcement for RCC work etc., complete as per specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity is as per excel sheet, recorded vide pg no 12A of E-Bill is 222 T @ Rs 72326.98					=	160565-90
	Item NO 11: Providing & fixing pre cast covering slab made out of CC 1:2:4 etc., complete as per specification quantity is as per excel sheets, recorded vide pg no 5 of E-Bill is 248.40 Sqm @ Rs 2337.00					=	580510.80
	Item NO 12: Supply & fixing precast concrete slab 15cm thick including cost of reinforcement. etc., complete as per specification Quantity is as per excel sheet, recorded vide pg no 5 of E-Bill is 77.22 Sqm @ Rs 2493					=	~~2493.00~~ 192509.46

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item NO 13: Providing complete as per specif Quantity is as per ex 207.78 nos @ Rs 4
	Item NO 14: Painting t enamel, ~~etc~~ complete Quantity is as per exc 32.73 @ Rs 84.80
	Item NO 15: Excavation

BOOK

ns Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
ed	vide	pg no 12A	ℓ E-Bill = 160565-90
st	covering slab made out		
ification			
d	vide pg no 5		ℓ E-Bill = 580510·80
	concrete slab 15cms thick		
complete as per specification			
ed	vide pg no 5		ℓ = ~~24983·00~~ 192509·46

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498635

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item NO 13: Providing & fixing pre cast Solid cc kerb stones etc., complete as per specification. Quantity is as per excel sheet, recorded vide pg no 5 207·78 nos @ Rs 432·48 = 89860·69						ℓ E-Bill is 89860·00
	Item NO 14: Painting two coats after filling the surface with synthetic enamel, ~~etc~~ complete as per specification. Quantity is as per excel sheet. recorded vide pg no 5 32·73 @ Rs 84·80 = 2775·08						ℓ E-Bill is 2775·50
	Item NO 15: Excavation for road work in all types ℓ soil etc., complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per specification's quantity is as per excel sheet, recorded vide pg no 14 of E-Bill is 495.98 cum @ Rs 56.26 = 27903.78 83 Item No 16: Providing laying, spreading, & compacting crushed stone aggregates of granite. etc. Complete as per specification Quantity is as per excel sheet, recorded vide pg no 15 of E-Bill is 84.30 @ Rs 2001.28 = 168697.90 168707.90 Item No 17: Cleaning the existing WBM road surface including removing of binding materials etc., complete as per specification Quantity is as per excel sheet, recorded vide pg no 16 of						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	E-Bill is 366.50 Sqm @ Item No 18: providing & etc., complete as per spe quantity is as per excel s Sqm @ Rs 28.62 Item No 19: Providing & quantity is as per excel sheet, recorded 6597.44 Item No 20: Cleaning the	

BOOK

...s		Contents	Reference to last Measurement
...adth 5	Depth 6	7	8
...ed	vide pg no	14 of E-Bill = 27903.83	
...ing, & compacting crushed ...lete as per specification ...ded vide pg no 15		of E-Bill = 168697.90 168707.90	
...BM road surface including ...mplete as per specification ...ded vide pg no 16		of	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498636

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	E-Bill is 366.50 Sqm @ Rs 22.26					=	8158.29.
	Item No 18: providing & applying primer coat with SS bitumen emulsion etc., complete as per specifications. quantity is as per excel sheet, recorded vide pg no 18 of					E-Bill is 697.55 = 19963.88	
	Sqm @ Rs 28.62						
	Item No 19: Providing & laying dense graded BM etc., complete as per Specif quantity is as per excel sheet, recorded vide pg no of					E-Bill is 34.88 cum @ Rs = 230103.00. 230118.70	
	6598.44						
	Item No 20: Cleaning the existing black topped surface with brooms etc,						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	complete as per specification. Quantity is as per excel sheet, recorded vide pg no is 6 Of E- Bill 1690.72 @ Rs 5.30					= 8960.79	81
	Item No 21: Providing & applying tack coat using 80/100 grade bitumen. complete as per specification. Quantity is as per excel sheet, recorded vide pg no is 7 Of E- Bill is 1690.72@ Rs 12.72					= 21505.89	95
	Item No 22: Providing & laying BC using crushed aggregate of specified grading etc., complete as per specification. Quantity is as per excel sheet, recorded vide pg no is 8						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Of E-Bill is 67.63 cum Item No 23: Road mark Quantity is as per excel @ Rs 454.74 Item No 24: Dismantling o as per specification. Quantity is as per excel s 548.91 cum @ Rs 1022.74 Item No 25: CC pavement

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
ed		wide pg no is 6	= 8960.79 81
		coat using 80/100 grade	
ed		wide pg no is 7	= 21505.89 95
ing		crushed aggregate	
u		specification	
ed		wide pg no is 8	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498637

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	of E-Bill is 67.63 cum @ Rs 7753.90					=	524385.40 524396.25
	Item NO 23: Road marking with hot applied thermoplastic compound						
	Quantity is as per excel sheet, recorded wide pg no 8 of E-Bill is 70.52 sq m					=	32068.26.
	@ Rs 454.74						
	Item NO 24: Dismantling of cc pavement by mechanical means etc., complete						
	as per specification:						
	Quantity is as per excel sheet. recorded wide pg no 8 of E-Bill is					=	561394.26 561392.21
	548.91 cum @ Rs 1022.74						
	Item NO 25: CC pavement construction, Construction of unreinforced plain						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Cement concrete pavement, etc., complete as per specification.
Quantity is as per excel sheet, recorded vide pg no 7 E
Bill is 411.68 cum @ Rs 5210.96 = ~~5210.96~~ 2145248.01 = 2145269.00

8363609.30
334544.37
100363.11
9701786.78

Sub total = 8363574.77
Add KRIDL 4% = 334542.99
GST @ 12% = 100628.97
Total = 9701746.73

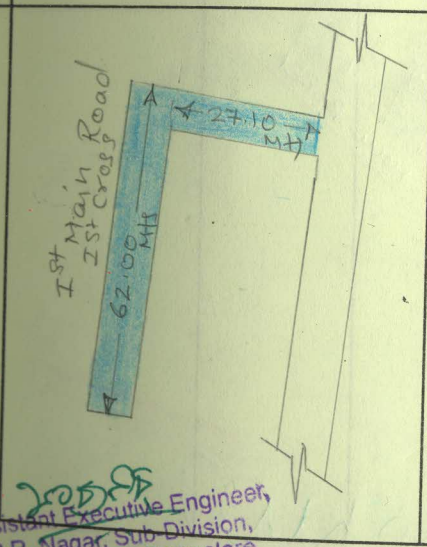
Certificate: The work executed by the contractor is found satisfactory and the contractor has removed debris from the work spot.

Sunitha.N.K
AE W10
12/03/2020

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	



Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
		lete as per specification.	
		rded vide pg no } E	
		= 5216.96 3145248.01	
		= 2145269.00	
		Sub total =	8363574.77
		d KRIDL 4% =	334542.99
		GST @ 12% =	1003628.97
		Total =	9701746.73
		The contractor is found	
		removed debris from the	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498638

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1st Main Road 1st Cross 62.00 Mt 7.10 Mt		52.00 m	142.00 m			
							4th CROSS Road
							Venkatagiryappa layout
							CC Road.
							Asphalt Road.

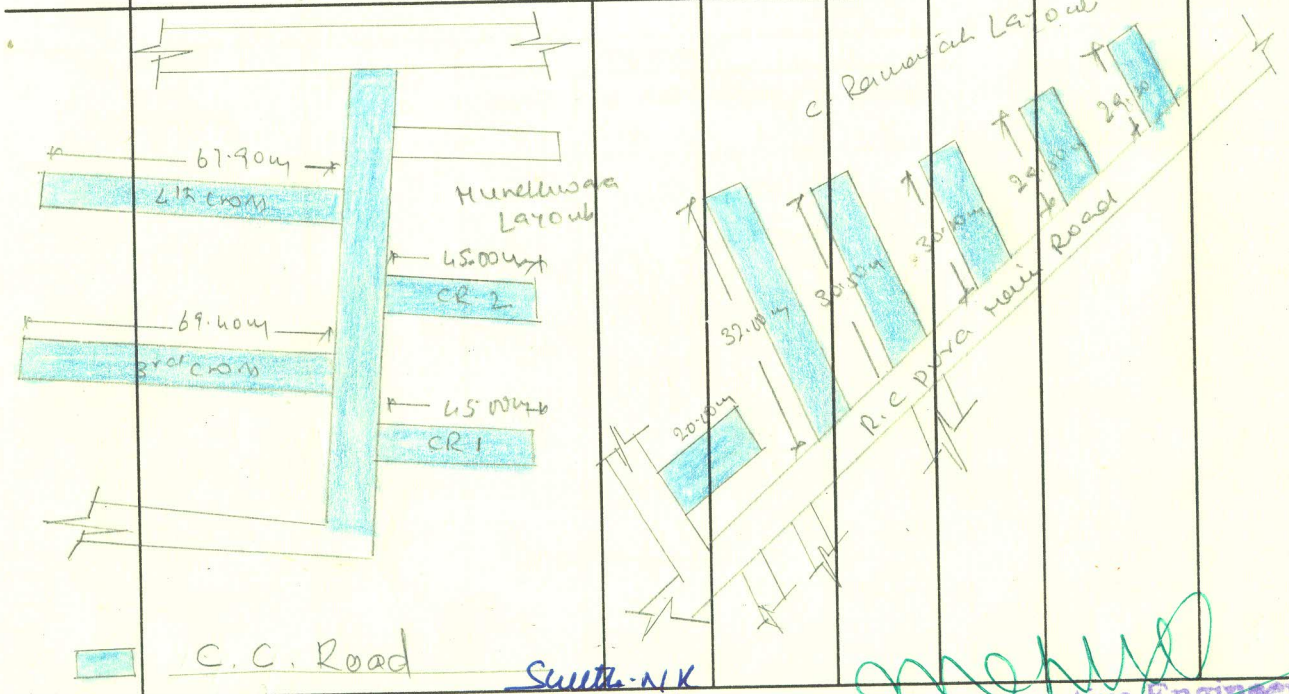
Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Sunitha AE W10

Assistant Executive Engineer
Vidyaranyapura Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

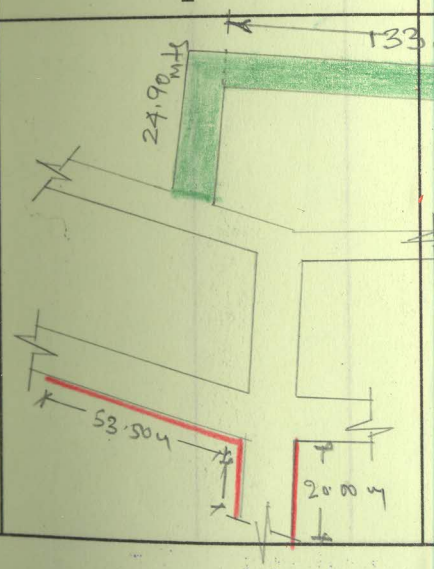


South-N/K
AE W10

Assistant Executive Engineer
Vidyaranyapura Sub Division

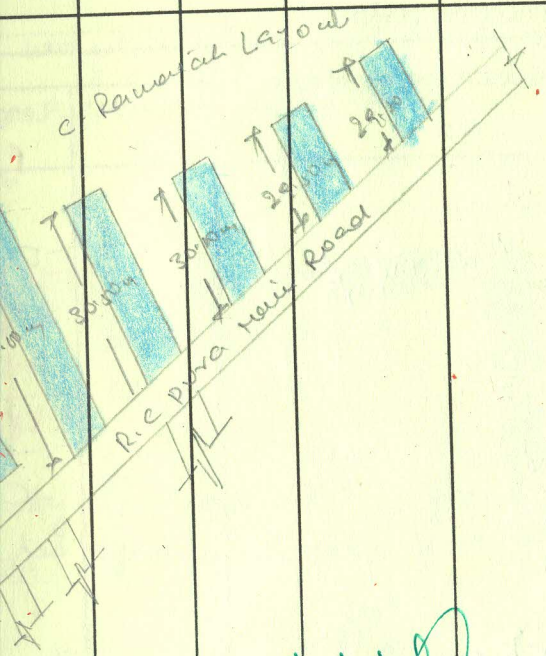
Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2



IENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8



Assistant Executive Engineer
Vidyaranyapura Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498639

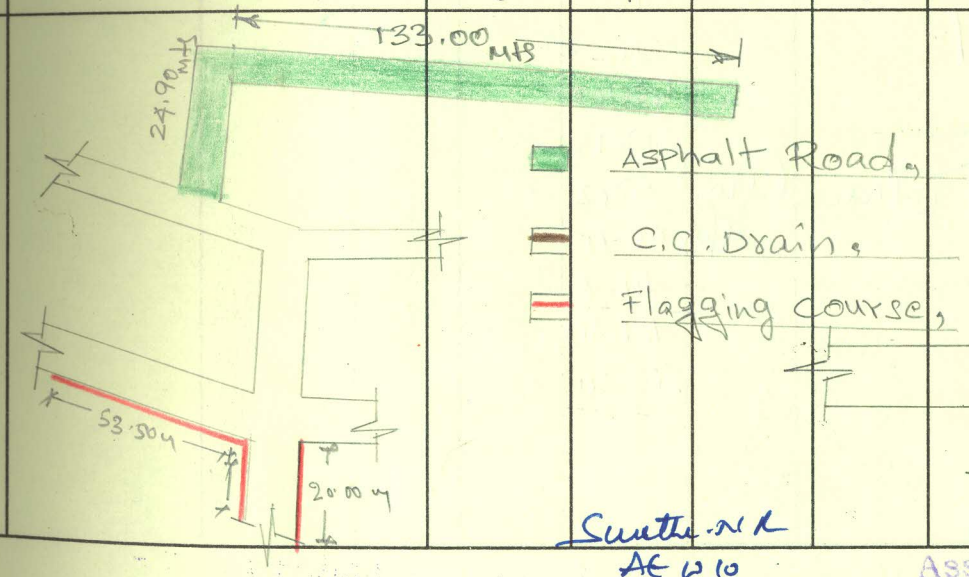
Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8



Smitha. N. R
AE W 10

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

1st & final.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P 3727.	ರಡಿ	9701700				
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 9701700/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.		194034				
	ಇದರಲ್ಲಿ ರೂ. 1018500/- ಗಳನ್ನು ಹೊರಪಾಡಿಕೆ		86623				
	ಉಳಿದ ರೂ. 8683200/- ಗಳನ್ನು		86623				
			485100				
			97017				
			9702				
			55365				
			40036				
			1018500				
			8683200				

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2